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APR 1 1946 A

SEEDS

62,61

FOR NURSERYMEN

March, 1946

As we go to press, TREE SEEDS are scarcer than at any time in our experience due to a combination of abnormal crop failures and continued unsettled labor conditions. If the kinds you are seeking are not offered now, it is because they are not available. We recommend that you make arrangements early for your needs next season. Present indications are for a greater demand than ever.

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Wholesale Only

HERBST BROTHERS

92 Warren St., New York 7, N. Y.

Terms

This list cancels all previous offers.

Disclaimer: We give for ourselves or our Principals no warranty, express or implied, as to the description, quality or productiveness, or in any other respect for the seed we deliver, nor will we be responsible for the crop in any way. In no case shall we or our Principals be held liable for more than the invoice value of the seed sold.

Prices-are f.o.b. New York.

Weights—net, packing extra at cost.

Payment: Our prices are calculated on a strictly cash basis; customers remitting with their orders will be allowed 5% discount on tree, shrub, vegetable and flower seeds. All others are quoted net. No charge accounts opened under \$10.

When remitting please add for postage and packing.

We do not sell quantities smaller than those indicated.

Explanation of Signs: C.S.—Clean Seed. D.B.—Dried Berries.

Figures in brackets indicate approximate number of seeds per ounce unless otherwise stated.

Nomenclature for Tree & Shrub Seeds is "Standardized Plant Names" second edition of the American Joint Committee on Horticultural Nomenclature \$10.50 postpaid.

Origin of all seeds offered is available on request. Our aim is to carry seed from the best known sources. In many cases there are several such. No attempt is therefore made to include proveniens in this list.

ABIES	OZ.	1/4 lb.	lb.
amabilis (860)		\$2.80	\$7.50
concolor, White Fir (Cal.)		1.45	3.90
grandis, Grand Fir, (Wash.) (1570)		1.85	5.00
lasiocarpa		2.35	6.25
magnifica shastensis, Shasta Fir		2.15	5.75
religiosa, Sacred Fir		2.25	6.00
ACACIA			
armata, Kangaroo-Thorn Acacia	\$.60		
baileyana, Cootamundra-Wattle Acacia	.40		
cavenia, Cavenia Acacia	.75	73 53	
cultriformis, Knife Acacia	.65		
cyanophylla, Blueleaf Acacia	.70		
cyclops	.75		
decurrens, Greenwattle Acacia	.40		
decurrens dealbata, Silvergreen			
Wattle A.	.45		

ACACIA—continued decurrens normalis, Queenwattle A farnesiana, Sweet Acacia latifolia, Broadleaf Acacia linifolia, Flaxleaf Acacia longifolia, Sydney Acacia longifolia floribunda, Gossamer Sydney A. melanoxylon, Blackwood Acacia podalyriaefolia, Pearl Acacia pravissima, Ovens Acacia pycnantha, Goldenwattle Acacia saligna, Goldwreath Acacia verticillata, Star Acacia	.25 .65 .35 1.80 1.50 .70 .35 .80 2.25 .40 .45	1/4 lb.	lb.
circinatum, Vine Maple (256)		.70	1.90
macrophyllum, Bigleaf Maple (500) negundo, Boxelder—Winged Pods (800) pseudoplatanus		.65 .30 .40	1.75 .75 1.10
1946 crop		.85	2.25
saccharinum, (dasycarpum), Silver Maple (150)—Spring 1946 crop saccharum, Sugar Maple (450)		.30	.85 1.75
AlLANTHUS altissima (glandulosa), Tree of Heaven		.40	1.10
ALBIZZIA julibrissin, Silktree Albizzia kalkora, Lebbek Albizzia lophantha, Plume Albizzia		1.00 1.00 1.20	2.75 2.75 3.25
ALNUS glutinosa incana, Speckled Alder rugosa, Hazel Alder, C.S. (41600)	1.10	2.35 1.20	6.25 3.25
AMELANCHIER alnifolia, Saskatoon, d.b		.70	1.85
AMORPHA canescens, Leadplant A. Pods fruticosa, Indigobush A. Pods		.85	2.25 1.40
AMPELOPSIS			
quinquefolia tricuspidata see Parthen	ocissus		
ARALIA sieboldi see Fatsia japonica spinosa, Devils-Walkingstick, c.s		1.00	2.75
ARBUTUS menziesi, Pacific Madrone, d.b		.85	2.25
ARCTOSTAPHYLOS glauca, Bigberry Manzanita, d.b tomentosa, Woolly Manzanita, c.s (1500) uva-ursi, Bearberry, c.s. (528)	.70	.95	2.50
ARISTOLOCHIA	.00		The state of the s
tomentosa		1.00	2.75
atropurpurea see A. prunifolia prunifolia, Purplefruit Chokeberry, d.b.		.85	2.25

TREE AND SHRUB S	EEDS		
triloba, Common Pawpaw (30) AZALEA	oz.	1/4 lb. .85	
nudiflora, Pinxterbloom Azalea, c.s per 1/4 oz. \$0.65 BENZOIN see Lindera			
BETULA			
lutea, Yellow Birch, c.s. (26500) BIGNONIA	.90		
capreolata, Crossvine, c.s		.95	2.50
BORONIA megastigma, Sweet Boronia per ½ oz. \$1.25			
BRACHYCHITON populneus, Kurrajong Bottletree (265)		1.00	2.75
CALLICARPA americana, American Beautyberry,c.s.		1.50	4.00
calycanthus occidentalis, California Sweetshrub		1.50	4.00
campsis radicans, Common Trumpetcreeper		1.30	3.50
caragna arborescens, Siberian Peashrub, c.s. (1370)	70	.45	1.25
CARYA			*
cordiformis, Bitternut Hickory			.25
glabra, Pignut Hickory		.25	.25
laciniosa, Shellbark Hickory (80 nuts per lb.) ovata, Shagbark Hickory			.30
tomentosa (alba), Mockernut Hickory (113 nuts per lb.)			.25
CASSIA			.20
artemisioides, Wormwood Senna marilandica, Wild Senna (13000) tomentosa, Woolly Senna	1.10 .75 .45		
CASUARINA equisetifolia, Horsetail Beefwood	.85		
catalpa bignonoides, Southern Catalpa (1200) bungei ovata, Chinese Catalpa		.50 1.30 1.30	1.50 3.50 3.50
CEANOTHUS thyrsiflorus, Blueblossom, c.s	.60		
CELTIS tourneforti, Oriental Hackberry (570)		.75	2.00
CEPHALANTHUS occidentalis, Common Buttonbush			
(11000)		.55	1.50

.55

1.50

(11000)

TREE AND SHRUB ST	EEDS		
CERATONIA	oz.	1/4 lb.	1b.
siliqua, Carob, c.s		1.20	3.25
canadensis, Eastern Redbud		1.20 2.55 1.10	3.25 6.75 3.00
CHAMAECYPARIS nootkatensis, Nootka Cypress		5.60	15.00
CHAMAEROPS humilis, Mediterraneanpalm		.95	2.50
CHILOPSIS linearis, Desertwillow		1.95	5.25
CHIONANTHUS virginicus, White Fringetree, c.s. (120)		1.50	4.00
CITRUS trifoliata see Poncirus			
CLADRASTIS lutea, American Yellowwood		.85	2.25
clematis alpina sibirica per ½ oz. \$1.00 integrifolia, Solitary Clematis per ¼ oz. \$1.25			
ligusticifolia, Western Virginsbower	1.25		
virginiana, Virginsbower	1.20		
CLETHRA alnifolia, Summersweet Clethra, d.b		.80	2.10
cordyline australis, Giant Dracena, c.s. (9280) indivisa, Blue Dracena	.40	1.35	3.60
CORNUS			
alba sibirica, Siberian Dogwood, c.s. alternifolia, Pagoda Dogwood, c.s rugosa, Roundleaf Dogwood, c.s		.95 .95 1.20	2.50 2.50 3.25
stolonifera, Redosier Dogwood, c.s		.80	2.20
corylus americana, American Filbert			
avellana, European Filbert		.45	1.25
Filbert		.80	2.10
dielsiana, Diels Cotoneaster, c.s. (4070)	.60		
divaricata, Spreading Cotoneaster, c.s. (1850) foveolata, Glossy Cotoneaster, c.s	.45		
integerrima, European Cotoneaster, c.s. microphylla, Rockspray, c.s	.70		
moupinensis, Mupin Cotoneaster, c.s. (1440)	.70		
(2250)	.50		

CRATAEGUS	oz.	1/4 lb.	lb.
cerronis (erythropoda) Cerro Hawthorn c.s.		2.25	6.00
chrysocarpa phoenicea (rotundifolia), chloroscara, Blackfruited Hawthorn		2.25	6.00
Eastern Fireberry Hawthorn, d.b coccinea see Crataegus intricata		.75	2.00
crusgalli, Cockspur Hawthorn, c.s intricata (coccinea), Thicket Hawthorn,		1.20	3.25
C.S		1.40	3.75
mollis, Downy Hawthorn, c.s. (550) monogyna, Singleseed Hawthorn, c.s.		1.00	2.75
oxycantha, English Hawthorn, c.s.		.90 1.05	2.45
pruinosa, Frosted Hawthorn, c.s. (400) prunifolia, Plumleaf Hawthorn, c.s.		1.00	2.75
(700) punctata, Dotted Hawthorn, c.s		1.15	3.10
sanguinea, Redhaw Hawthorn, c.s.		2.25	6.00
CUPRESSUS arizonica bonita (glabra), Smooth Ari-			
zona Cypress DIOSPYROS		1.50	4.00
virginiana, Common Persimmon, (100)		.35	.95
DOXANTHA unguis-cati, Catclaw Funnelcreeper	1.25		
DRACAENA			
australis—see Cordyline australis draco, Dragon Dracaena (70) indivisa—see Cordyline indivisa		1.60	4.25
ELAEAGNUS			
angustifolia, Russianolive, c.s. commutata (argentea), Silverberry, c.s. umbellata, Autumn Elaeagnus, c.s.		1.00 .45 1.00	
EPIGAEA			1.60
repens, Trailing-Arbutus per de oz. \$1.25			
ERIOBOTRYA			
japonica		.85	2.25
EUCALYPTUS alpina, Grampian E. per 1/4 oz. \$0.50	1 2 1 m		
bosistoana, Bosisto Graybox E per 1/4 oz \$0.80			
botryoides, Bangalay	.60		
camaldulensis (rostrata), Longbeak E. capitellata, Brown Stringybark E.	.50		
citriodora, Lemon E	.85		
cladocalyx, Sugar E. per 1/4 oz. \$0.70 cornuta, Yate-Tree per 1/2 oz. \$0.65 crebra, Narrowleaf Ironbark E.			
ficifolia, Scarlet E. per ½ oz. \$0.60			
globulus, Tasmanian Blue E	.75		*
gomphrocephala, Tuart E per ½ oz. \$0.75			

EUCALYPTUS—continued	oz.	1/4 lb.	lb.
gunni, Cider Eper 1/4 oz. \$0.65 hemiphloia, Graybox E			
lehmanni, Lehmann E. per ½ oz. \$0.65	1.00		
leucoxylon, White Ironbark E. leucoxylon rosea, Pink Ironbark E.	1.00		
longifolia, Longleaf Woollybutt E per 1/4 oz. \$0.70			
macarthuri, MacArthur E			
máculata, Spotted E. per ½ oz. \$0.60 melliodora, Yellowbox E.			V
per 1/4 oz. \$0.60	FO		
multiflora (robusta), Beakpod E obliqua, Messmate Stringybark E	.50		
pauciflora, Snow E. per 1/4 oz. \$0.60	1.00		
pilularis, Blackbutt E	.55		
polyanthemos, Redbox E			
punctata, Leatherjacket E			
per ½ oz. \$0.90			
resinifera, Kino Eper ½ oz. \$1.00 robusta see E. multiflora rostrata see E. camaldulensis			
rudis, Moitch E per ½ oz. \$0.50			
salicifolia, Willowleaf E			
per ½ oz. \$0.60			
saligna, Sydney Blue E			
sideroxylon, Mulga Ironbox E per 1/4 oz. \$0.70			
sideroxylon rosea, Rose Ironbark per ½ oz. \$0.90 stuartiana, Butbut E. per ½ oz. \$0.65			
umbellata (tereticornus), Horncap E			
viminalis, Ribbon E per ½ oz. \$0.35			
EUONYMUS			
americanus, Brook Euonymus, d.b atropurpureus, Eastern Wahoo, d.b		.85	2.25
europaeus, European Burningbush yedoensis, Yeddo E. d.b		.95	2.50 2.25
FATSIA -			
japonica per 1000 seeds \$2.00			
FIRMIANA simplex, Chinese Parasoltree (190)		1.20	3.25
FRAXINUS			
excelsior		.35	.90
nigra, Black Ash (180)		.40	1.10
oregona, Oregon Ash		.55	1.50
velutina, Velvet Ash (2080)		1.70	4.50
FREMONTIA			
californica, California Fremontia, c.s	.90		1
GLEDITSIA triacanthos, Common Honeylocust (180)		.45	1.25
triacanthos inermis, Thornless Honey-			1.50
locust		.55	1.50

TREE AND SHRUB S	SEEDS		325
GREVILLEA	oz.	1/4 lb.	lb.
banksi, Banks Grevillea per 100 seeds \$0.85			
robusta, Silkoak (210)		3.75	10.00
GYMNOCLADUS			
dioicus, Kentucky Coffeetree		.30	.75
HALESIA carolina (tetraptera), Carolina Silver-			
bell (80)		.55	1.50
diptera, Two-wing Silverbell		1.20	3.25
HEDERA helix, English Ivy		.95	2.50
HICORIA see Carya			
HOLODISCUS			
discolor, Creambush Rockspirea per 1/8 oz. \$0.40			
HYDRANGEA			
arborescens, Smooth Hydrangea, c.s	.75		
ILEX		1.00	4.00
aquifolium, English Holly, c.s. (900) glabra, Inkberry, d.b.		1.80	4.75 2.75
montana (monticola), Mountain Winter-	1 10		
opaca, American Holly, c.s.	1.10	1.45	3.90
verticillata, Common Winterberry, c.s.			
vomitoria, Yaupon, d.b.	.50	.55	1.50
JACARANDA			
acutifolia (ovalifolia), Sharpleaf Jacaranda (864)per 100 seeds \$0.45			
IUGLANS			
cinerea, Butternut (30 nuts per lb.)			.30
hindsi, Hinds Black Walnut		.25	.60
(28 nuts per lb.)			.40
regia, Persian Walnut (56 nuts per lb.) sieboldiana, Siebold Walnut		.30	.75 1.10
sieboldiana cordiformis, Flat Siebold			
Walnut		.45	1.25
JUNIPERUS californian Juniper, c.s.			
(300)	.50		
communis, Common Juniper, c.s communis depressa, Oldfield Common	.40		
J. (2880)	.45		
horizontalis, Creeping Juniper, c.s (2100)	.40		
monosperma, Oneseed Juniper, c.s			
pachyphloea, Alligator Juniper, c.s	.30		
pinchoti, Redberry Juniper, c.s. (1000)	.40		
utahensis, Utah Juniper, c.s.	.50		
kalmia latifolia, Mountain Laurel, c.s			
per ½ oz. \$0.60			
KOELREUTERIA			
paniculata, Panicled Goldenraintree,		1.05	2.85
		2.00	m.00

	lb. 5.25
LARIX decidua, European Larch (4300) 2.25 occidentalis, Western Larch (9300) 2.45	6.00 6.50
LEUCOTHOE catesbaei, Drooping Leucothoe, c.s	
indicum (nepalense), India Privet60 japonica, Japanese Privet, d.b60 lucidum, Glossy Privet60 sinense, Chinese Privet, d.b80	1.25 1.60 1.70 1.80
LINDERA benzoin, Common Spicebush	5 1.75
LIQUIDAMBER styraciflua, Sweetgum, c.s. (11,000) 1.9	5 5.25
iaponica halliana, Halls Japanese H. c.s. 1.8	0 :4.80
tatarica, Tatarian Honeysuckle, c.s 2.2	5 6.00
maclura pomifera, Osageorange, c.s. (750)4	5 1.25
MAGNOLIA glauca see M. virginiana virginiana (glauca) Sweetbay 1.4	0 / 3.75
MELALEUCA leucadendron, Cajeput-tree 1.30	
METROSIDEROS tomentosα, Irontreeper ½ oz. \$0.65	
MYRTUS communis, True Myrtle	
NANDINA domestica, red, d.b	0 . (3.75
NYSSA aquatica, Water Tupelo (200)	5 / 1.45 5 1.80
OLEA europaea, Common Olive (70)	5 2.00
OPLOPANAX horridus, American Devilsclub, c.s (4880)	
OSMARONIA cerasiformis, Osoberry	
OSTRYA virginiana, American Hophornbeam, c.s. 1.5	30 4. 00
OXYDENDRUM arboreum, Sourwood, Pods	1.80
PARKINSONIA aculeata, Jerusalem Thorn	4.25

THE MAD SHIROD S			
PARTHENOCISSUS see also Ampelopsis	0Z.	1/4 lb.	lb.
quinquefolia, Virginia Creeper, c.s tricuspidata, Japanese Creeper, c.s			2.75 4.50
PHOENIX			
canariensis, Canary Date			
dactylifera, Date		.65	1.75
PHOTINIA			
arbutifolia, Christmasberry, d.b	and the second s	.95	2.50
PICEA			
glauca densata, Black Hills White Spruce (11200) mariana, Black Spruce pungens, Colorado Spruce (8000) pungens glauca, Blue Colorado Spruce sitchensis, Sitka Spruce (18400)		4.00 4.50 2.50 3.75 4.50	
PINUS			
albicaulis, Whitebark Pine (1100) cembroides, Mexican Pinyon Pine cembroides monophylla, Singleleaf		.95 1.50	2.50 4.00
Pinyon Pine		1.85	5.00
contorta, Shore Pine (7500)		2.60	7.00 2.50
jeffreyi, Jeffrey Pine (200)		1.10	3.00 3.50
monophylla see P. cembroides monophy monticola, Western White Pine (1200) mugo gallica		3.20 4.50	8.50 12.00
mugo mughus, Mugo Swissmountain Pine		3.35	9.00
mugo rostrata		2.25	6.00
muricata, Bishop Pine			6.50 12.00
palustris		1.50	4.00
peuce ponderosa, Western Yellow Pine,		5.60	15.00
British Columbia (850)		.85	2.25
pungens, Table Mountain Pine rigida, Pitch Pine (4200) sabiniana, Digger Pine		3.00 1.85 1.05	8.00 5.00 2.75
PITTOSPORUM			
		1.50	4.00
crassifolium, Karo eugenioides, Tarata tenuifolium, Tawhiwhi	· · · · · · · · · · · · · · · · · · ·	2.25	6.00 3.75
PLATANUS			
occidentalis, American Planetree (10500)		.45 1.20	1.20 3.25
POINCIANA			
gilliesi, Paradise Poinciana			
PONCIRUS			
trifoliata, Trifoliate-Orange, c.s		.85	2.25

PRUNUS	07-	1/4 lb.	lh.
avium, Mazzard, c.s. (130)		.65	1.75
Laurelcherry, d.b		.65 .65	1.75
japonica	1 1,	1.50	4.00
tenella (nana), Russian Almond, c.svirginiana, Common Chokecherry, c.s.		1.60	4.25
ptelea trifoliata, Common Hoptree (540)		.75	2.00
RHAMNUS carolina Buckthorn		65	1.75
frangula, Glossy Buckthorn, c.s purshiana, Cascara Buckthorn		1.05 1.10	2.80 3.00
RHODODENDRON carolinianum, Carolina Rhododendron,			
c.s, per $\frac{1}{2}$ oz. \$1.25 catawbiense, Catawba Rhodendron,			
c.s			
maximum, Rosebay Rhododendron,			
c.s per ½ oz. \$0.75			
		1.05	2.75
aromatica, Fragrant Sumac, c.s copallina, Flameleaf Sumac glabra, Smooth Sumac		.75	2.00
trilobata, Skunkbush Sumactyphina, Staghorn Sumac	e de la composición	.65 .85	J 1.80
RIBES			
sanguineum, Winter Currant, c.s per 1/4 oz. \$1.50			
ROBINIA			
pseudoacacia, Black Locust (1650)		.45	1.25
ROSA acicularis, Prickly Rose, c.s. (2280)	.75		
canina, Dog Rose, dried hips		.70	1.85
carolina (humilis), Carolina Rose, c.s (10960)		1.50	4.00
eglanteria (rubiginosa), Sweetbrier, c.s. (1700)		1.20	3.25
humilis see R. carolina nitida, Shining Rose, dried hips		:65	1.75
palustris, Swamp Rose, dried hips			1.75
rubiginosa see R. eglanteria rugosa, c.s.		1.15	
setigera, Prairie Rose, dried hips		.85	2.25
sambucus canadensis, American Elder, c.s		.75	2.00
nigra, c.s		1.10 .95	3.00
racemosa, red		, •99	. 2.00
SASSAFRAS albidum (variifolium), Common Sassa-		13	
fras		.85	2.30
SCHINUS 11 G 116 main Parmarines GG (1520)		1.00	2.70
molle, California Peppertree, c.s. (1520) terebinthifolia, Brazil Peppertree, c.s.			
(1800)		1.50	4.00

THEE THE SHILOD S			
SMILAX rotundifolia, Common Greenbrier	oz.	1/4 lb. .90	lb. 2.45
sophora japonica, Japanese Pagodatree		.85	2.25
SORBUS americana, American Mountain Ash scopulina, Greenes Moutainash, d.b		.95 .45	2.50
SPARTIUM junceum, Weaversbroom		. 1.15	3.10
SPIREA			7
douglasi, Douglas Spirea		•	
STERCULIA			
diversifolia see Brachychiton populneus platanifolia see Firmiana simplex			
STYRAX american Snowbell		.75	2.00
SWIETENIA		-	
mahogani, West Indian Mahogany (250)		3.75	10.00
SYMPHORICARPOS			10.00
orbiculatus (vulgaris), Indiancurrant Coralberry	· · ·	. 65	1.75
TAXODIUM distichum, Common Baldcypress (570)		.65	1.75
THUJA 6 19 10 10 10 10 10 10 10 10 10 10 10 10 10			
orientalis, Oriental Arborvitae (1500) orientalis aurea conspicua, Goldspire A.	***	1.50	3.75
orientalis sompacta		1.45	3.90
plicata, Giant Arborvitae (25000)			
TILIA americana, American Linden (370)		.65	1.75
TORREYA			
californica, Californian Nutmeg (95 nuts per lb.)			2 25
		.00	4.40
ULMUS A Transfer Flore (5000)			
americana, American Elm (5900) (Only 1946 crop May/June)		.55	1.50
pumila, Siberian Elm (6200)			
VACCINIUM VACCINIUM			
canadense, Canada Blueberry, d.b.		1 25	
VIBURNUM		1.20	0.10
alnifolium, Hobblebush, c.s. (830)	.55		
cassinoides, Witherod Viburnum, c.s.			
dentatum, Arrowwood Viburnum, c.s.	.80		
(1800)	.60		
dilatatum, Linden Viburnum, c.s. (1000) pubescens, Downy Viburnum, c.s	.60		

VIBURNUM—continued rhytidophyllum, Leatherleaf Viburnum, c.s. (1400) sargenti, Sargent Cranberrybush, c.s. (650) tomentosum, Doublefile Viburnum, c.s. trilobum, American Cranberrybush, c.s. (820) wrighti, c.s. (1290)	.40 .55 .60	1/4 lb.	lb.
VITIS aestivalis, Summer Grape, c.s. (1000). rotundifolia, Muscadine Grape vulpina (cordifolia), Frost Grape WASHINGTONIA	.40	.85 .65	2.25 1.80
filifera, California Washington Palm robusta, Mexican Washington Palm XANTHORIZA			1.50 2.10
simplicissima (Yellowroot)		2.25	6.00

ABRUS precatorius, Weather Plant or Rosary Peaoz.	:25
ACHILLEA	
ageratum yellow, Sweet Yarrow	.30
ACROCLINIUM double large fl. hybrids mixed	.25
ADONIS aestivalis	.25
AGERATUMmexicanum tall white½ oz.mexicanum Blue Cap very dwarf½ oz.mexicanum Blue Perfection¼ oz.mexicanum white dwarf½ oz.	.25 .25 .30
AGROSTEMMA (Lychnis) Coronaria, Rose Champion	25
ALYSSUM benthami white, Sweet Alyssum dwarf compact Lilac Queen dwarf compact Little Gem dwarf compact Violet Queen procumbens, Carpet of Snow saxatile compactum, Gold Dust 20 20 20 21 20 20 20 20 20 20	.25 .25 .25 .25 .25
AMARANTHUS caudatus, Love-lies-bleeding oz. Molten Fire	.25 .25 .25 .25
AMARYLLIS hybrida	3.75
AMMOBIUM alatum lg. fl. white Immortelles	.25

AMPELOPSIS—see Tree Seed List PARTHENOCISSUS	
ANCHUSA capensis Blue Bird, indigo 1/2 oz. italica Dropmore 1/2 oz. italica Lissadel 1/2 oz. italica Opal 1/2 oz. myosotidiflora dwarf bright blue 1/8 oz.	.25 .25 .25 .25
kelwayi yellow	.30
AQUILEGIA long spurred hybrids, blue shades	.45
ARABIS alpina rose	.85
ARCTOTIS grandis, African Lilac Daisy	.25
ARISTOLOCHIA see Tree Seed Section	
ARMERIA alpina, deep rose	.70
ASCLEPIAS curassavica, reddish purple, Blood Flower 1/4 oz.	.25
ASTER Amer. (Vick's) Giant Branching Wilt Resistant, in separate colors: crimson, peach blossom, pink, shell pink, white	.25
ASTER Crego Giants Wilt Resistant, in separate colors: azure blue, deep rose, peach blossom, purple, white, or mixed	.25
ASTER tall choice double fl. mixed colors1/2 oz.	.25
ATROPA belladonna	.30
AUBRIETA deltoides light blue	.40
BALLOON VINE Love-in-a-puffoz.	
BAPTISIA australis	.25
BARTONIA aurea, golden yellow	.35
BIGNONIA radicans see Tree & Shrub Seed Section under CAMPSI	S
BOCCONIA cordata	.25
CALANDRINIA speciosaoz.	.25
CALENDULA Balls Apricot	.25 .25 .25 .25 .25 .25
Shaggy Orange	.25 .25 .25

FLOWER SEEDS	
CALLIOPSISdrummondi (Golden Crest)oz.finest dwarf mixedoz.tall mixedoz.	.25 .30
CALLIRHOE involucrata, reddish purple, Poppy Mallow 1/8 oz.	.25
campanula elegans blue	.35 .30 .30 .30 .30 .30
CAMPSIS radicans, Trumpet Creeper see Tree & Shrub Seed Section	
CANDYTUFT coronaria, white, Gt. Hyacinth fl. resel	.25
CANNA indica new giant hybrids mixed	.25
CARNATION Chabaud's Improved in separate colors: deep rose, crimson, red, white, yellow	.30 .65 .60
CARTHAMUS tinctorius, Saffron Thistle	.25
CELOSIA Childsii crimson, pink, yellow or mixed 1/4 oz. cristata tall mixed oz. cristata dwarf mixed 1/4 oz. globosa dwarf scarlet 1/4 oz. plumosa Dwarf Fiery Feather 1/8 oz. plumosa Dwarf Golden Feather 1/8 oz. plumosa tall finest mixed 1/4 oz. plumosa Thompsoni Magnifica mixed resel. 1/4 oz.	.25 .25 .25 .25 .25 .25 .25 .30
americana solf lilac, Basket Flower oz. americana white oz. candidissima l/4 oz. cyanus double blue oz. cyanus double mixed oz. cyanus dwarf Jubilee Gem l/2 oz. gymnocarpa, rose violet, Dusty Miller l/2 oz. macrocaphala l/4 oz.	.25 .25 .45 .25 .25 .25 .25
CHEIRANTHUS allioni, brilliant orange, Siberian Wallflower½ oz.	.30
CHRYSANTHEMUM carinatum, single mixedoz. coronarium, double mixedoz.	.25

CHRYSANTHEMUM—continued	
segetum, Eastern Star	.25 .35 .35 .35
elegans—Apple Blossom, Chamois, Firebrand, Lilac, Purple Prince, Ruby, Salmon Queen 1/4 oz. elegans double Mixed	.25 .25
COIX lachrymaeoz.	.25
CONVOLVULUS — see also IPOMOEA Crimson Rambler	.25 .25
COREOPSIS lanceolata large fl. yellow	.25 .25 .25
COSMIDIUM burridgeanum, brown with golden yellow	.25
cosmos early flowering Orange Flare	.25 .25 .25
CUPRESSUS macrocarpa see Tree & Shrub Seed Section	
CYNOGLOSSUM amabile blueoz. amabile dwarf Firmament, Indigo blueoz.	.25 .25
CYPRESS VINE (ipomoea Quomoclit) scarlet, white or mixedoz.	.25
DAHLIA Unwin's dwarf mixed	.30
Belladonna light blue 1/4 oz. Belladonna light blue Improved 1/4 oz. Belladonna Clivedon Beauty 1/4 oz. Bellamosum, dark blue 1/4 oz. Bellamosum, dark blue 1/4 oz. Blackmore & Langdon Hybrids mixed 1/4 oz. Cardinale 1/4 oz. Chinense df. Azure Blue 1/4 oz. Chinense df. white 1/4 oz. Chinense tall white 1/4 oz. Chinense tall Cambridge Blue 1/4 oz. Gold Medal Hybrids mixed 1/4 oz. Pacific Giant hybrids mixed 1/4 oz. Wrexham (hollyhock flowered) mixed 1/4 oz.	.30 .60 .55 .30 .45 .55 .50 .45 .55 .30
DIANTHUS allwoodi alpinus	.25
DIANTHUS—Continued knappi, light yellow	1.15 .95 .35

DICTAMNUS frayinalla vyhita	
fraxinella, white	.35
coeruleus, Blue Lace Flower	.25
gloxinaeflora, large fl. The Shirley	.25 .25 .25
DIMORPHOTECA aurantiaca hybrids	.25
DOLICHOS Darkness, purple red	.25 .25 .25
DRACAENA—see Tree & Shrub Seed Section	
ritro, violet, Globe Thistle	.35
EREMURUS	00
bungei perfectus	.30
Shelford hybrids ¹ / ₈ oz.	.45
yellow, orange bronze hybrids	.30
mixed, California Poppyoz.	.25
variegata, Snow on the Mountainoz.	.25
darge fl. Dazzler	.25 .25 .35
GERBERA Jamesoni hybrids, Transvaal Daisy 1000 Seeds	2.00
GEUM Lady Stratheden	.35
GLOBE AMARANTHUS mixedoz.	.25
GODETIA Shamini, tall upright double mixed	.25
GOURDS ornamental small seeded mixedoz.	.25
elegans crimson	.30 .25 .25 .35 .35 .25
HELIOTROPIUM lemoines mixed	.35
HESPERIS matronalis, purple	.40

HEUCHERA sanguinea, crimson	.60 1.20 1.10
HOLLYHOCK double Chater's in separate colors: black, crimson, lilac, maroon, pink, Newport pink, red, salmon rose, scarlet, sunset, white, yellow, or mixed	.35
Indian Spring $\frac{1}{2}$ oz. single mixedoz.	.35 .25
HYOSCYAMUS niger, Henbane	.25
grandiflora	1.00
IPOMOEA—see also CONVOLVULUS Bona Nox	.25 .25 .25
KOCHIA childsiioz.	.25
LARKSPUR Giant Imperial in separate colors: Blue Spire, Carmine King, Dazzler, Lilac Spire, Miss California, Pink Perfection, Rosamond, Scarlet, White King	.30
Giant Imperial mixed	.25 .25
LAVENDULA Munstead Strain	.35
LIATRIS pycnostachya, purple rubbed seed	.25 .25
LINARIA maroccana Fairy Bouquet	.30 .25
flavum, yellow gril. rubrum, Scarlet Flax perenne (sibericum) blue perenne (sibericum) white oz.	.25 .25 .25
cardinalis scarlet	.40 .35 .35
LUPINUS hartwegi, blue, rosy purple, sky blue or white ½ oz. polyphyllus in colors: atroviolacea, blue, carminens, lutea, salmonens, Sunshine Yellow ¼ oz.	.25 .30
polyphyllus mixed	.25 .35 .25
LYCHNIS chalcedonica, Maltese Cross, scarlet	.35
LYTHRUM salicaria roseum superbum	. 35

MARIGOLD	
African dwf. Pot O'Gold	.30
African dwf. double mixed $\frac{1}{2}$ oz.	.30
African tall Guinea Gold	.25
African tall Sunset Giants	.25
African tall double mixed	.25 .25
French dwf. Harmony Hybrids	.25
French tall double mixedoz.	.25
	.20
MATRICARIA capensis double white, Feverfew	.25
MIGNONETTE Crimson Giant	.25
MIRABILIS	
(Marvel of Peru or Four O'Clock) mixedoz.	.25
MYOSOTIS	
alpestris robusta, grfl. blue $1/8$ oz. palustris semperflorens $1/8$ oz.	.30 .25
NASTURTIUM	
Gleam Hybrids mixedoz.	.25
Golden Gleamoz.	.25
NEMISIA	
campacta Triumph mixed $\frac{1}{8}$ oz.	.30
NICOTIANA	
sanderae, Crimson King	.25
Hippomanica	.75
NIGELLA	.25
damascena double Miss Jekyll blue	.25
OENOTHERA Lamarkiana, large yellow, Evening Primroseoz.	.25
PANSY	
large flowering Trimardeau mixed	.75
PARTHENOCISSUS—see Tree & Shrub Seed Section	
PASSIFLORA	or
edulis	.35
PETUNIA nana compacta Rose of Heaven	.50
PHLOX	
dr. grfl. mixed	.25
dr. grfl. dwarf mixed $\frac{1}{8}$ oz.	.35
PLATYCODON	
mariesii blue	.75
mariesii white	.75
DODDY	
POPPY orientalis scarlet	.25
orientalis mixed	.25
Shirley single mixedoz.	.25
Shirley double mixedoz.	.25
DODMIII X C X	
PORTULACA single mixed	.30
double, inseparate colors: bright pink, salmon, scar-	
let, striped, white, deep yellow, light yellow 1/8 oz.	.35

RICINUS Castor Oil Beanoz.	.25
RUDBECKIA purpurea	.25
SALPIGLOSIS Emperor Mixed	.30
SCABIOSA annual varieties mixed	.25 .25 .30
SCHIZANTHUS Wisetonensis mixed	.35
SHASTA DAISY—see CHRYSANTHEMUM	
SIDALCEA Rose Queen	.25
bonduelli, yellow	.25 .35 .25 .25
STOCKS dwarf large fl. Ten Weeks	.30 .25
Sun Goldoz.	.25
sweet PEAS early Spencer mixed	.25 .25 .25
SWEET WILLIAM single auricola—eyed	.25 .30 .30 .25
SWEET WIVELSFIELD—see DIANTHUS	
TEXAS BLUE BONNET—see LUPINUS SUBCARNOSUS THALICTRUM	
dipterocarpum	.60
THERMOPSIS caroliniana½ oz.	.30
THUNBERGIA alata, mixed Black Eyed Susan	.30
TITHONIA speciosa, orange scarlet, Golden Flower of the Incas	.25
TRITOMA Pfitzer's Hybrids	.30
vinca rosea mixed	.30
VIOLA comuta White Perfection	.60

FLOWER SEEDS VISCARIA .35 WALLFLOWER single mixedoz. XERANTHEMUM mixed25 ZINNIA dahlia fl. in separate colors: Canary Bird, Crimson Monarch, Dream, Exquisite, Golden Dawn, Golden State, Illumination, Meteor, Old Rose, .40 .35 Queen, Grenadier, Lavender Queen, Miss Wil-.35 Lilliput in separate colors: Lilac Gem, Orange Gem, Purple Gem, Pink Gem, Scarlet Gem, Yellow Gem, White Gem $\frac{1}{2}$ oz. .30 ANNUALS

mixedoz.

.25

INSECTICIDES & FUNGICIDES

- Acme Kopper King. A scientific copper compound four times as strong as bordeaux mixture; will not cause bordeaux mixture injury on tomatoes. Ceiling prices: lb., 45c; doz., \$3.66; case of 24 pkgs., \$7.08; 4-lb., bag, each, \$1.05; per case of 12 bags, \$8.88.
- Acme Kopper Shield Pruning Paint. A specially prepared liquid paint, containing copper for treating wounds left by storms or accidents, to prevent such diseases as European canker, fungus, hard rot, other fungi. Ceiling prices, pint can, 45c; doz. \$3.60; gal., \$2.35.
- Acme Red River Potato Mix. A special formula for potatoes. Ceiling Prices: 1-lb. bags, doz., \$2.70; carton of 24 bags, \$5.16; 4-lb. bags, 75c; six for \$4.20; carton of 12 bags, \$7.66.
- Acme Vegetable Garden and Flower Spray. A combination spray for controlling sucking and chewing insects. Can be used as a dust or spray. Ceiling prices: I lb. handy shaker top carton, price, 40c; doz. cartons, \$3.24; per case of 24 cartons, \$6.24; 4-lb. pkgs., per case of 12, \$9.00.
- Aphis Spray. A combination of Black Leaf 40 and Fish Oil Soap. Ceiling Prices: Per doz. 3-oz. tubes, \$2.70. Retails at 35c per tube.
- Arsenate of Lead. The standard spray or dust for quick, dependable control of practically all leaf-eating (not sucking) insects. ceiling prices, 1-lb. carton, 30c; doz., \$2.80, case of 24, \$5.40; 4-lb. bag, 75c; 48 lbs., \$7.20; 100 lbs., \$14.00.
- Black Leaf 40. Ceiling Prices: Oz. bottles, doz., \$2.78; carton of 24, \$5.56; 5-oz. bottles, doz. \$8.55; 1 lb., \$2.25 ea.; 2 lbs., \$3.25 ea. 5 lbs., \$6.00 ea.; 10 lbs., \$11.00 ea.
- Bordeaux Mixture. (Dry.) The best fungicide for curing and preventing black rot; mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. One pound will make 5 gallons liquid. Ceiling prices, lb., 30c; doz., \$2.80; 4 lbs., 75c; case of 24 lbs., \$3.75.
- Corrosive Sublimate. Calomel, Calogreen, Calochlor, and other mercurials. Due to fluctuating market, write for prices.
- Cyanogas "A" Grade. For moles, rats, gophers, and other ground rodents. Ceiling prices ½ lb., doz., \$3.60; 1 lb., doz., \$6.00 5 lbs., each, \$3.00; 25 lbs., \$10.00; 100 lbs. \$25.00; 4-oz. tins for ants, doz., \$2.40.
- Cyanogas Calcium Cyanide "G." Greenhouse fumigant. Aphids, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. Ceiling prices, 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$25.00. Write for leaflet; freight prepaid on 100-lb. lots.
- D. N. Dust No. 12. For control of Red Spider, Mite and Thrips on Roses, Calla Lilies, Snapdragons, Gardenias and Carnations. The active element in D. N. Dust No. 12 is a dinitro compound effective in all stages of Mite development. Should be used before blooming period. Ceiling prices, per 10 lb. bag, \$4.50, case of 5 10-lb. bags, \$20.00.

- case of 5 10-lb. bags, \$20.00.

 D. N. Sulphur Dust No. 10. A new and very effective control for Red Spider, Thrips, and Rust diseases on carnations. Ceiling prices, 10 lb. bag, \$3.50; case of 5 bags, 50 lbs., for \$12.50.

 Dry Lime Sulphur. For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 gals. of water. Ceiling prices, lb., 35c; doz., \$3.00; 5 lbs., \$1.50; 25 lbs., \$4.50; 100 lbs., \$11.50.

 Dandy-Kill. A Safe Dandelion Killer! New 2, 4 D Formula, Kills Lawn Weeds Without Injuring or Discoloring Grass. "Dandy-kill" is the latest improved form of the amazing 2, 4 D Hormone Weed Killer (dichlorophenoxyacetic acid.) It is a soluble powder, saves shipping weight, and easier to prepare and use. While effective in one application against weeds—dandelions, chickweed, ragweed, pigweed, narrow-leaf and broad-leaf plantain, annual morning glory, Japanese honey-suckle, thistle and many others—it will not injure or even discolor blue grass, red top, or fescue, the principal lawn grasses. It will kill or seriously retard the growth of white clover. 2 ounces (will treat 800 square feet) \$0.50. 6 oz. \$1.00; 24 oz. \$3.00; 6 lbs. \$10.00.
- Fish-Oil Soap. Standard wash for trees and plants where insects and eggs affect the bark. Ceiling prices, lb., 30c; doz., \$2.50; 5 lbs., 95c; 10, \$1.85.
- Flowers of Sulphur. Dusting grade. Ceiling prices, lb., 15c., 10 lbs., \$1.00; 50 lbs., \$2.45; 2 bags for \$4.25.
- Grape and Rose Dust. Excellent for the prevention and destruction of mildew on plants. Ceiling prices, lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$4.50.

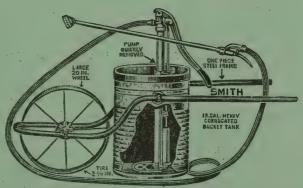
- Lemon Oil. Destroys mealy bug, scale, red spider. Celing prices, 1/2 pt., 35c; pt., 60c; qt., \$1.00; 1/2 gal., \$1.75; gal., \$3.00; 5 gals., \$12.00.
- s Green. Oldest and best brand. For chewing insects on potatoes and certain other hardy plants. Kills quickest. Ceiling prices, 1/4-lb. carton, 20c; doz., \$1.80; 1 lb., 45c; 5 lbs., \$1.95; Paris Green. 14 lbs., \$4.75.
- Red Arrow Garden Spray. Celing Prices: 1-oz. bottles carton of 24, \$5.40; 4-oz. bottles, doz. \$8.00; pint, \$2.50; qt., \$3.60.

 Rototec. A Rotenone Spray. Contains full amount of Rotenone necessary for good insect control. 4 oz. bottle retails at \$1.00, price per dozen \$7.20, pint bottle retails at \$2.75, price per dozen \$18.00.
- Scalecide. An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Ceiling Prices: Qt., 65c; gal., \$1.55; 5 gals., \$5.50; 10 gals., \$9.50. Write for price in barrel lots. Selocide. Kills red spiders. Ceiling Prices: Gal., \$3.00; 5 gals., \$13.50; 10 gals., \$24.50; 30 gals., \$58.50; 50 gals., \$87.50.
- Semesan. The universal seed disinfectant and plant stimulant, Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil. Ceiling Prices: 1/3 oz. pkg., doz., 80c; 2 oz., 40c; doz., \$3.20; 15 oz., \$2.35; 4 lbs., \$9.10; 25 lbs., \$52.50; 100 lbs. \$198.00. Write for leaflets, stating for what purpose desired. Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.
- Stimroot. An improved rooting compound which has been developed after extensive testing by a well known research organization. It contains several different hormone-like chemicals tion. It contains several different hormone-like chemicals in sufficient quantities to produce root stimulation in the hard type of cuttings, and still is safe to use on the softer, more easily injured plants. Also contains a fungicide that helps retard the development of many kinds of fungi that contribute to the not of cuttings while in the cutting bench. It is so formulated that a small amount of dust will effect a complete and even coating on each cutting. In this way a pound of dust will go further. Price, 2 oz. retails at \$1.00, per dozen \$7.20; 1 lb. retails at \$5.00, each \$3.25; six for \$18.00.
- Tartar Emetic. A spray for the control of Thrip, a life saver for gladiolus growers. Ceiling Prices: 1 lb., 90c; 5 lbs., \$4.25; 25 lbs., \$18.75; 100 lbs., \$70.00.
- Wilson's O. K. Plant Spray. A powerful yet harmless and efficient insecticide for aphids, red spider, mildew, scale, etc. Ceiling Prices: Qt., \$1.00; gal., \$3.00; 5 gals., \$12.00.
- Prices: Qt., \$1.00; gal., \$3.00; 5 gals., \$12.00.

 Yamtox. A new insecticide that promises to replace Rotenone in the control of some insects. Yamtox is a concentration of the active principles of the Yam Bean (Pachyrhizus erosus). The Yam Bean affects many insects in much the same manner as Rotenone and seems to be the nearest approach to it. It has been used for centuries in the control of pests on vegetables in some parts of China. In Yamtox the toxic effects of the bean are extracted to make them as available as possible. They are further strengthened by chemicals of proven toxicity. Especially recommended for the control of Plant Lice, Red Spider, Thrip, Cyclamen Mite, Cabbage Worms, and most other insects that are controlled by Rotenone. It is very mild upon Plant Growth and safe to use even on most tender plants. Price per gallon, \$12.00; case of 6 1-gallon cans, \$11.00 per gallon; 30 gal. drum, \$270.00.

Wheelbarrow Sprayer

Goes anywhere like wheelbarrow thru narrow openings. spray solutions, disin-fectants or white ts or white With extra long fectants handle and large air chamber, develops from 150 to 200 lbs. pressure with mini-mum of effort. Made of best materials, all



working parts of brass or bronze. Cart is strong, all steel and cross braced. Tank holds 18 gallons. Fully equipped with hose, nozzle fittings, steel extension, etc. **Price**, \$25.50. Shipping weight, 65 lbs.

SMITH'S SPECIAL No. 24 G. O. COMPRESSED AIR SPRAYER

A durable low priced sprayer, has a funnel top, made of heavy steel, tank 31/2 gallon capacity. Price, Galvanized, \$6.25.

FERTILIZERS

- Acid Plant Food. A specialty fertilizer for acid loving plants. A complete food for Gardenia, Azalea, Hydrangea, Camellia, Rhododendrons, Heather, etc., 100 lbs., \$6.75. F. O. B. Mass.
- Adco, Artificial Stable Manure. Convert all non-woody vegetable refuse such as stalks, cuttings, weeds, withered leaves and flowers, vines, etc., into artificial manure. A 25-lb. bag is enough for 12 wheelbarrow loads of waste, making ½ ton of manure. Ceiling prices, 7½-lb. bags, each, 85c; doz., \$8.40; 25 lbs., \$2.00; 150 lbs., \$10.50. Instructions with each bag. F. O. B. New York City.
- Agrico. For Lawns, Trees, Shrubs, 6-10-4. Ceiling prices, 100-lb., \$2.75; For Commercial Growing, 4-12-4. A well balanced fertilizer for the commercial grower, can be used on practically everything in Greenhouse forcing or outside—neutral in its reactions. Ceiling prices, 100 lbs., \$2.70. On all Agrico we will prepay delivery on 500 lbs. or more to nearest Rail Road Station.
- Aluminum Sulphate. For creating acid condition in the soil. Ceiling prices, 25 lbs., \$1.25; 100 lbs., \$3.50; 500 lbs., \$16.00. F. O. B. New York City.
- Ammonium Nitrate. 32% nitrogen, a good substitute for nitrate of soda and goes twice as far, 100 lbs. \$3.50. F. O. B. New York.
- Armours Special Ornamental Fertilizer. For flowers, lawns, trees, and shrubs, 6-12-4. Ceiling prices, 25 lbs., \$1.00; 50 lbs., \$1.70; 100 lbs., \$2.75.
- Bacto Bacterial Composition. Makes fertilizer out of garbage, sewage, leaves, garden rubbish, sawdust, etc. Cheaply and quickly deodorizes outdoor toilets. Ceiling prices, 5 lbs., \$1.45; 20 pkgs. for \$19.80; 25 lb. bag, \$4.25; 4 bags for \$13.20; trial size of 10 4-oz. pkgs., \$2.50. F. O. B. New York City.
- Bone and Blood. Tankage, Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hardwood ashes, and if so used is especially adapted to fruits, if applied early. For garden crops use 500 lbs. per acre. Ceiling prices, 100 lbs., \$3.25; 1000 lbs., \$30.00; 2000 lbs., \$58.00. F. O. B. New York City.
- Crystal Urea. A highly concentrated inorganic fertilizer containing 46 per cent, available nitrogen; clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. Ceiling prices, lb. can, 25c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.75; 100 lbs. \$8.50. F. O. B. New York.
- Driconure. Nature's own fertilizer, is an ideal plant food combining poultry and cow manure with peat moss. Clean, safe and easy to use. 50 lb. bag will top dress 1000 square feet of lawn, or feed up to 500 square feet of garden area. Ceiling prices, 50 lb. bags, 1 to 10 bags, \$1.90 each; 10 to 20 bags, \$1.75 each. F. O. B. New York.
- Dried Blood. 12%. For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. Ceiling price, 100 lbs., \$7.50. F. O. B. New York.
- Electra Fertilizer. America's Finest Plant Food for the Grower Who Wants the Best. Ceiling prices 25 lbs., \$2.50; 50 lbs., \$4.00; 100 lbs., \$6.75. F. O. B. Massachusetts.
- Fairway Grass Food. Compounded for the feeding of turf grasses and for no other plant or purpose; recommended by leading turf specialists and agronomists; for use on lawns, golf courses and parkways. Ceiling prices, 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00.
- Hardwood Ashes. Canadian Imported. This is a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. Is used on the lawn at the rate of a ton or more per acre as a first application, and annual dressing of three hundred pounds afterwards will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. Ceiling prices, 100 lbs., \$2.75; 1000 lbs., \$22.00; 2000 lbs., \$42.00. F. O. B. New York.
- Horn Dust. Has same effect as Horn Shavings except it is immediately available. Ceiling prices, 100 lbs., \$6.50; 500 lbs., \$30.00. F. O. B. New York.

FERTILIZERS

- Horn Shavings. Synthetic. Quick-acting and lasting. Ceiling prices, 100 lbs, \$6.50. F. O. B. New York.
- Hydrated Lime. For soil acidity, it improves the texture of the soil, lets in air and moisture, liberates nitrogen and other plant food, makes your soil sweet. Apply after the land is plowed or dug for a crop, scattering with a lime distributor, 2 tons or more per acre, a large handful to a square yard. Ceiling prices, 50 lbs., \$1.00; 1000 lbs., \$8.50; 2000 lbs., \$16.50. F. O. B. New York.
- Hy-Gro. The soluble plant food. 13-26-13. The nearest fertilizer to nitrophaska. 10 lbs. for \$3.50 postpaid.
- Hyponex. Ceiling prices, 3-oz. size, packed 36 to carton, retails at 25c each. Per carton, \$6.00; 1-lb. size, retails at \$1.00, packed 12 to carton. Price per carton \$8.00; 10 lbs., \$5.35; 25 lbs., \$10.00; 50 lbs., \$15.00; 100 lbs., \$25.00. F. O. B. New York.
- Peat, Orchid. Fern roots; very useful for Orchids and Azaleas.

 Ceiling price, \$3.50 per sack of two bushels; 5-sack lots, \$3.35 per sack. F. O. B. New York.
- Peat Moss Granulated. A moisture-retaining humus, an important aid in saving soil fertility. Better than manure. Ceiling prices, Bale, about 22 bushels, \$4.00; 5-bale lots, \$3.50 each; ½ bales, \$2.25 each. F. O. B. New York.
- "Poultek Fertilizer." 4-3-2. At last a pure Poultry Manure without any litter or peat moss, dehydrated daily from caged poultry to conserve its full natural strength 100% pure. For potting plants use two pounds to one bushel of soil, for liquid manure, two pounds to twenty gallons of water. Ceiling prices, 25 lbs., \$1.00; retails for \$1.50; 50 lbs., \$1.75, retails for \$2.50. F. O. B. New York.
- Pulverized Limestone. Ceiling prices, 100 lbs., \$1.25; 500 lbs., \$5.00; 1000 lbs., \$9.00; ton, \$16.00. F. O. B. New York.
- Bone Meal. It is ground fine, hence acts quickly. Free from acid, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Analysis: Nitrogen, 3.70 percent; total phosphoric acid, 20 percent. 100 lbs., \$4.50. F. O. B. New York. Quantity Required.—For permanent pasture and mowing lands, ½ to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1000 to 1500 lbs. per acre; rose beds and plants, 1 part to about 50 of soil; for starting a new lawn as a base, 3 to 5 lbs. per 100 square feet.
- Sheep Manure. This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. 100 lbs., \$2.25; 1000 lbs., \$21.00. F. O. B. New York.
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